

**Application Data Sheet****Application Information**

Application number:: Unassigned 09/997,205  
Filing Date:: 11/28/01  
Application Type:: Regular  
Subject Matter:: Utility  
Suggested classification::  
Suggested Group Art Unit::  
CD-ROM or CD-R??::  
Number of CD disks::  
Number of copies of CDs::  
Sequence Submission::  
Computer Readable Form (CRF)?::  
Number of copies of CRF::  
Title:: MICROFABRICATED ELASTOMERIC VALVE  
AND PUMP SYSTEMS  
Attorney Docket Number:: 20174C-003020US  
Request for Early Publication:: No  
Request for Non-Publication:: No  
Suggested Drawing Figure::  
Total Drawing Sheets:: 61  
Small Entity?:: Yes  
Latin name::  
Variety denomination name::  
Petition included?:: No  
Petition Type::  
Licensed US Govt. Agency::  
Contract or Grant Numbers One::  
Secrecy Order in Parent Appl.:: No

**Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Marc  
Middle Name:: A.  
Family Name:: Unger  
Name Suffix::  
City of Residence:: South San Francisco  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 2555 Adams Court  
City of Mailing Address:: South San Francisco  
State or Province of mailing address:: CA  
Country of mailing address::  
Postal or Zip Code of mailing address:: 94080

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: China  
Status:: Full Capacity  
Given Name:: Hou-Pu  
Middle Name::  
Family Name:: Chou  
Name Suffix::  
City of Residence:: Foster City  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 711 Shell Blvd. #106b  
City of Mailing Address:: Foster City  
State or Province of mailing address:: CA

Country of mailing address::

Postal or Zip Code of mailing address:: 94404

Applicant Authority Type::

Inventor

Primary Citizenship Country::

US

Status::

Full Capacity

Given Name::

Todd

Middle Name::

A.

Family Name::

Thorsen

Name Suffix::

City of Residence::

Pasadena

State or Province of Residence::

CA

Country of Residence::

US

Street of Mailing Address::

810 N. Michigan Avenue

City of Mailing Address::

Pasadena

State or Province of mailing address::

CA

Country of mailing address::

Postal or Zip Code of mailing address:: 91104

Applicant Authority Type::

Inventor

Primary Citizenship Country::

US

Status::

Full Capacity

Given Name::

Axel

Middle Name::

Family Name::

Scherer

Name Suffix::

City of Residence::

Laguna Beach

State or Province of Residence::

CA

Country of Residence::

US

Street of Mailing Address:: 1900 Catalina Street  
City of Mailing Address:: Laguna Beach  
State or Province of mailing address:: CA  
Country of mailing address::  
Postal or Zip Code of mailing address:: 92651

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Stephen  
Middle Name:: R.  
Family Name:: Quake  
Name Suffix::  
City of Residence:: San Marino  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 744 Plymouth Road  
City of Mailing Address:: San Marino  
State or Province of mailing address:: CA  
Country of mailing address::  
Postal or Zip Code of mailing address:: 91108

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: China  
Status:: Full Capacity  
Given Name:: Jian  
Middle Name::  
Family Name:: Liu  
Name Suffix::

City of Residence:: Pasadena  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 366 S. Catalina Ave. #201  
City of Mailing Address:: Pasadena  
State or Province of mailing address:: CA  
Country of mailing address::  
Postal or Zip Code of mailing address:: 91106

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Mark  
Middle Name:: L.  
Family Name:: Adams  
Name Suffix::  
City of Residence:: Pasadena  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 260 S. Michigan Avenue  
City of Mailing Address:: Pasadena  
State or Province of mailing address:: CA  
Country of mailing address::  
Postal or Zip Code of mailing address:: 91106

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Canada  
Status:: Full Capacity  
Given Name:: Carl

Middle Name:: L.  
Family Name:: Hansen  
Name Suffix::  
City of Residence:: Pasadena  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 438 S. Catalina Ave. #204  
City of Mailing Address:: Pasadena  
State or Province of mailing address:: CA  
Country of mailing address::  
Postal or Zip Code of mailing address:: 91106

**Correspondence Information**

Correspondence Customer Number:: 20350

**Representative Information**

Representative Customer Number:: 20350

**Domestic Priority Information**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application is a	Continuation-in-Part of	09/826,583	04/06/2001
which is a	Continuation-in-Part of	09/724,784	11/28/2000
which is a	Continuation-in-Part of	09/605,520	06/27/2000
claiming benefit of	Provisional	60/141,503	06/28/1999
claiming benefit of	Provisional	60/147,199	08/03/1999
claiming benefit of	Provisional	60/186,856	03/03/2000

**Foreign Priority Information**

Country:: Application number:: Filing Date::

**Assignee Information**

**Assignee Name:: California Institute of Technology**  
**Street of mailing address:: 1200 E. California Boulevard, MS 201-85**  
**City of mailing address:: Pasadena**  
**State or Province of mailing address:: California**  
**Country of mailing address:: US**  
**Postal or Zip Code of mailing address:: 95125**